

MAY 24 2006

Application No. 10/729,275
Response dated May 24, 2006
Reply to Office action of April 21, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

1. (currently amended) A method for storing pixel image data, the method comprising:
retrieving a plurality of colorspace components from a first memory, wherein a ~~decomposing of pixel~~ comprises individual image data produces said colorspace components of different types, and wherein each ~~colorspace component begins in a different~~ burst comprises colorspace components of a single type; and
storing the plurality of colorspace components in one continuous machine-readable memory segment in a machine readable memory, the machine readable memory having one or more burst boundaries.
2. (original) The method of claim 1 wherein the machine-readable memory comprises volatile memory.
3. (original) The method of claim 2 wherein the volatile memory comprises dynamic random access memory.
4. (original) The method of claim 2 wherein the volatile memory comprises static random access memory.
5. (original) The method of claim 1 wherein the colorspace components comprise luminance, red difference sample, and blue difference sample.
6. (original) The method of claim 1 wherein the colorspace components comprise a red color level, a green color level, and a blue color level.
7. (original) The method of claim 1 wherein the pixel image data comprises a first data byte, the

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first data byte being registered at a memory address immediately following one of the one or more burst boundaries.

8. (original) The method of claim 1 wherein the pixel image data comprises a first data byte and subsequent data bytes, one of the subsequent data bytes being registered at a memory address immediately following one of the one or more burst boundaries.

9. (currently amended) A method of retrieving pixel image data from a machine-readable memory, the method comprising:

retrieving pixel image data from a machine readable memory device having one or more bursts boundaries, wherein the pixel image data comprises ~~multiple individual~~ multiple individual colorspace components of different types, and wherein each burst comprises colorspace components of a single type ~~colorspace component is stored in the machine readable memory device in different memory segments~~; and

storing the pixel image data in one continuous machine-readable memory segment in the machine readable memory device, the continuous machine-readable memory segment having one or more burst boundaries.

10. (original) The method of claim 9 wherein the machine-readable memory comprises volatile memory.

11. (original) The method of claim 10 wherein the volatile memory comprises dynamic random access memory.

12. (original) The method of claim 11 wherein the volatile memory comprises static random access memory.

13. (original) The method of claim 9 wherein the colorspace components comprise luminance,

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red difference sample, and blue difference sample.

14. (original) The method of claim 9 wherein the colorspace components comprise a red color level, a green color level, and a blue color level.

15. (original) The method of claim 9 wherein the pixel image data comprises a first data byte, the first data byte being registered at a memory address immediately following one of the one or more burst boundaries.

16. (original) The method of claim 10 wherein the pixel image data comprises a first data byte and subsequent data bytes, one of the subsequent data bytes being registered at a memory address immediately following one of the one or more burst boundaries.